

Amendments to the Abstract

Please amend the original abstract (page 32) as follows.

ABSTRACT

6 In an input voice speech pitch normalization device (Tr) equipped in a voice speech recognition device (VRAP) for recognizing an input voice speech (S_{vc}) uttered by unlimited speakers, and used to change a pitch of the input voice speech (S_{vu}) to be in a predetermined relationship with voice speech recognition reference sample data (Psf), a pitch difference determination device (3, 5, 7, 9, #100, #200, #300, #400) determines a pitch difference (CR) between said the input voice speech (S_{vu}) and said the voice speech recognition reference sample data (Psf), and a A pitch change device (11, 3, #500) changes, based on the pitch difference (CR) determined by said the pitch difference determination device (3, 5, 7, 9, #100, #200, #300, #400), a frequency of the input voice speech (S_{vu}) in such a manner as to make the pitch of said the input voice speech has have a predetermined relationship ($CR=1$) with the pitch of said the voice speech recognition sample reference data (Psf).